



DIME DYNAMIC DOCUMENTATION TRAINING

Exercise 3

Luiza Andrade

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For the most recent version of the file, please check <https://github.com/worldbank/DIME-LaTeX-Templates/>

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Introduction

On Exercises 1 and 2, you learned to use \LaTeX to import tables and graphs. This will allow you to create an easily updated file with descriptive statistics and analysis results. However, \LaTeX has plenty of other features you can explore to create different types of documents.

In this exercise, you will explore some intermediate-level tools for text editing and formatting. You will also learn a little bit more about how \LaTeX works. Once you're done with it, you should have enough knowledge of \LaTeX to write a full paper or report.

1 Text Formatting

Now that you have created sections in your document, and added text, you might want to change some of the formatting of your text. In \LaTeX you format your text using packages and code. We will here include a few topics.

1.1 Bold, italic and underlined

You can make part of your text bold using `\textbf{text}`. To underline part of your text, use `\underline{text}`. To make part of your text italic use `\textit{text}`. Here's how it looks:

<code>\textbf{This is a bold text.}</code>	This is a bold text.
<code>\underline{This is an underlined text.}</code>	<u>This is an underlined text.</u>
<code>\textit{This is an italic text.}</code>	<i>This is an italic text.</i>

Task 6: Choose some words in your text paragraph to be turned into bold, italic and underline. If you're using TeXStudio, you can use the shortcuts **CTRL+B** for bold and **CTRL+I** for italic.

1.2 Text color

Font color can be changed using `\textcolor{color}{text}`. You can find a list of color options in the \LaTeX WikiBook, but here are a few examples:

<code>\textcolor{red}{This is a read text.}</code>	This is a read text.
<code>\textcolor{Gray}{This is a gray text.}</code>	This is a gray text.
<code>\textcolor{Cyan}{This is a Cyan text.}</code>	This is a Cyan text.
<code>\textcolor{RoyalPurple}{This is a RoyalPurple text.}</code>	This is a RoyalPurple text.

Task 7: Change the color of a sentence in your paragraph. Try combining `\textcolor` with `textbf`.

2 Line Spacing

It is common that different publication standards require different line spacing. This can be achieved using the `setspace` package.

To use this package you need to start by importing it. To import the package you add `\usepackage{setspace}` next to where a lot of other packages are imported using the `\usepackage{}` command. Next you simply tell \LaTeX which line spacing you want and you need to do this before `\begin{document}`. `\singlespacing` makes \LaTeX use single line space throughout the document. Similarly, `\doublespacing` and `\onehalfspacing` set the document to double line space and one half line space respectively. See example below:

```
\usepackage{setspace}
\doublespacing

\begin{document}
```

3 Creating lists

As you have probably noticed in this document, it is also possible to make lists. The `enumerate` environment created numbered lists, while the `itemize` environment only creates items.

To make a list, you must first create the environment by typing `\begin{itemize}` and `\end{itemize}`, then type `\item` before each of the items in your list, as shown below:

Here's a numbered list:	<code>\item Item one</code>
<code>\begin{enumerate}</code>	<code>\item Item two</code>

```
\item Item three  
\end{enumerate}
```

Here's a numbered list:

1. Item one
2. Item two
3. Item three

Here's an unnumbered list:

```
\begin{itemize}  
\item Item one  
\item Item two  
\item Item three  
\end{itemize}
```

Here's an unnumbered list:

- Item one
- Item two
- Item three

4 Adjusting margins

5 Floats

6 Creating environments

7 Using packages

8 Using math symbols

9 Document types

10 Managing references

10.1 Creating a bibtex file

The screenshot shows a Google Scholar search interface. At the top, there's a navigation bar with 'Web', 'Images', and 'More...'. Below it is the Google logo and a search bar containing the text 'Savings constraints and microenterprise development: Evidence from a field'. To the right of the search bar is a blue search button with a magnifying glass icon. Below the search bar, the word 'Scholar' is displayed in red. The main content area shows a search result for the article 'Savings constraints and microenterprise development: Evidence from a field experiment in Kenya' by P. Dupas and J. Robinson. The article is from the 'American Economic Journal: Applied' (2013) and is available on ingentaconnect.com. The abstract describes a randomized access to noninterest-bearing bank accounts for market vendors and bicycle taxi drivers in rural Kenya. The article has been cited 629 times and has 58 versions. There are links for 'Cite', 'Save', and 'More'. On the right side, there are links for '[PDF] umich.edu' and 'GetText@IMF-WBG Library'. On the left side, there are filters for 'Articles', 'Case law', and 'My library'. Below these, there are filters for 'Any time', 'Since 2017', 'Since 2016', 'Since 2013', and 'Custom range...'. At the bottom, there are links for 'About Google Scholar', 'Privacy', 'Terms', and 'Provide feedback'. There are also checkboxes for 'include patents' and 'include citations'.

Web Images More...

Google

Savings constraints and microenterprise development: Evidence from a field

Scholar

Articles

Case law

My library

Any time

Since 2017

Since 2016

Since 2013

Custom range...

Sort by relevance

Sort by date

☒ include patents

☒ include citations

Savings constraints and microenterprise development: Evidence from a field experiment in Kenya

P. Dupas, J. Robinson - American Economic Journal: Applied ..., 2013 - ingentaconnect.com

Does limited access to formal savings services impede business growth in poor countries? To shed light on this question, we randomized access to noninterest-bearing bank accounts among two types of self-employed individuals in rural Kenya: market vendors (who are mostly women) and men working as bicycle taxi drivers. Despite large withdrawal fees, a substantial share of market women used the accounts, were able to save more, and ...

Cited by 629 Related articles All 58 versions Cite Save More

Showing the best result for this search. See all results

About Google Scholar Privacy Terms Provide feedback

[PDF] umich.edu
GetText@IMF-WBG Library

Cite

Copy and paste a formatted citation or use one of the links to import into a bibliography manager.

- MLA Dupas, Pascaline, and Jonathan Robinson. "Savings constraints and microenterprise development: Evidence from a field experiment in Kenya." *American Economic Journal: Applied Economics* 5.1 (2013): 163-192.
- APA Dupas, P., & Robinson, J. (2013). Savings constraints and microenterprise development: Evidence from a field experiment in Kenya. *American Economic Journal: Applied Economics*, 5(1), 163-192.
- Chicago Dupas, Pascaline, and Jonathan Robinson. "Savings constraints and microenterprise development: Evidence from a field experiment in Kenya." *American Economic Journal: Applied Economics* 5, no. 1 (2013): 163-192.
- Harvard Dupas, P. and Robinson, J., 2013. Savings constraints and microenterprise development: Evidence from a field experiment in Kenya. *American Economic Journal: Applied Economics*, 5(1), pp.163-192.
- Vancouver Dupas P, Robinson J. Savings constraints and microenterprise development: Evidence from a field experiment in Kenya. *American Economic Journal: Applied Economics*. 2013 Jan 1;5(1):163-92.

[BibTeX](#) [EndNote](#) [RefMan](#) [RefWorks](#)

```
@article{dupas2013savings,
  title={Savings constraints and microenterprise development: Evidence
  from a field experiment in Kenya},
  author={Dupas, Pascaline and Robinson, Jonathan},
  journal={American Economic Journal: Applied Economics},
  volume={5},
  number={1},
  pages={163--192},
  year={2013},
  publisher={American Economic Association}
}
```

10.2 Using the natbib package

```
\usepackage{natbib}
```

`\bibliographystyle{chicago}`

`\bibliography{Bibliography}`

References

Alix-Garcia, J. M., E. N. Shapiro, and K. R. Sims (2012). Forest conservation and slippage: Evidence from mexicos national payments for ecosystem services program. *Land Economics* 88(4), 613–638.

De Mel, S., D. McKenzie, and C. Woodruff (2008). Returns to capital in microenterprises: evidence from a field experiment. *The quarterly journal of Economics* 123(4), 1329–1372.

Dupas, P. and J. Robinson (2013). Savings constraints and microenterprise development: Evidence from a field experiment in kenya. *American Economic Journal: Applied Economics* 5(1), 163–192.

`\usepackage[numbers]{natbib}`

`\bibliographystyle{chicago}`

`\bibliography{Bibliography}`

References

[1] Alix-Garcia, J. M., E. N. Shapiro, and K. R. Sims (2012). Forest conservation and slippage: Evidence from mexicos national payments for ecosystem services program. *Land Economics* 88(4), 613–638.

[2] De Mel, S., D. McKenzie, and C. Woodruff (2008). Returns to capital in microenterprises: evidence from a field experiment. *The quarterly journal of Economics* 123(4), 1329–1372.

[3] Dupas, P. and J. Robinson (2013). Savings constraints and microenterprise development: Evidence from a field experiment in kenya. *American Economic Journal: Applied Economics* 5(1), 163–192.

10.3 Citing papers in your text

Citation 2 Dupas and Robinson [3]

Citation 2 [3]

Citation 1 Dupas and Robinson [3, p. 215]

Citation 1 [3, p. 215]

Citation 1 [see 3]

Citation 1 [see 3, p. 215]

Citation 2 [1]

Citation 3 [1]

De Mel et al.

De Mel, McKenzie, and Woodruff

2008

[2008]

10.4 Other natbib options

```
\usepackage[comma]{natbib}
```

```
\bibliographystyle{chicago}
```

References

- [1] Alix-Garcia, J. M., E. N. Shapiro, and K. R. Sims (2012). Forest conservation and slippage: Evidence from mexicos national payments for ecosystem services program. *Land Economics* 88(4), 613–638.
- [2] De Mel, S., D. McKenzie, and C. Woodruff (2008). Returns to capital in microenterprises: evidence from a field experiment. *The quarterly journal of Economics* 123(4), 1329–1372.
- [3] Dupas, P. and J. Robinson (2013). Savings constraints and microenterprise development: Evidence from a field experiment in kenya. *American Economic Journal: Applied Economics* 5(1), 163–192.